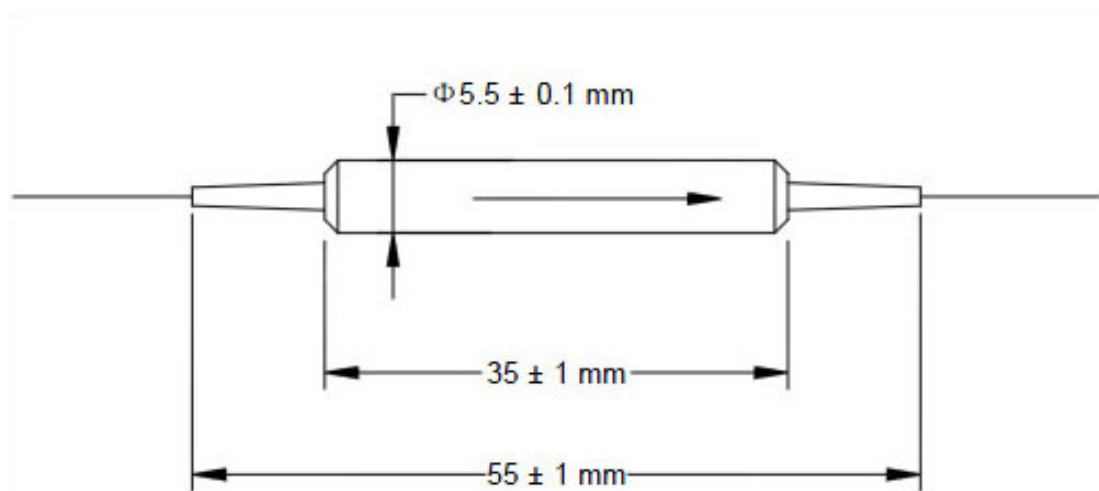


Polarization-Insensitive Isolator

	Features					
	High Isolation					
	Low Insertion Loss					
	Epoxy Free Optical Path					
	Applications					
EDFAs						
Fiber Lasers						
DWDM Systems						
Fiber Optics Communication Equipments						
Specifications						
Parameter		Unit	Premium	A grade	Premium	A grade
Stage			Single Stage		Dual Stage	
Central Wavelength (λ_c)		nm	1310, 1480 or 1550			
Peak Isolation	Typ	dB	42	40	58	55
Isolation, $\lambda_c\pm 10\text{nm}$, 23°C	Min	dB	30	29	46	45
Insertion Loss, λ_c , 23°C	Typ	dB	0.35	0.5	0.4	0.6
Insertion Loss, $\lambda_c\pm 20\text{nm}^*$	Max	dB	0.5	0.7	0.6	0.9
Polarization Dependent Loss, 23°C	Max	dB	0.05	0.1	0.05	0.15
Polarization Mode Dispersion	Max	ps	0.2	0.25	0.05	0.07
Optical Power (Continuous Wave)	Max	mW	300			

Tensile Load	Max	N	5
Operating Temperature	°C		-5 to +70
Storage Temperature	°C		-40 to +85
<i>IL is 0.3dB higher for each connector added.</i>			
<i>*All temperature</i>			

Package Dimensions:



Ordering Information:

P	I	I	S				
Stage	Wavelength	Grade	PMD	Pigtail	Fiber Type	Fiber Length	Connector
D =Dual S =Single	4 =1550nm 5 =1480nm 7 =1310nm	P =Premium A =A grade	1 =0.05 ps max 2 =Refer to above spec	S =250μm bare fiber pigtail M =900μm loose tube	S =SMF-28 fiber	0 =0.5m 1 =0.75m 2 =1.0m	0 =None 3 =FC/APC 5 =SC/APC 7 =FC/UPC 8 =SC/UPC
<i>Note:</i>							
<i>1. Central Wavelength can be customized for different applications.</i>							
<i>2. All specifications are subject to change without notice.</i>							